

THE CITY OF SAN DIEGO  
PUBLIC UTILITIES  
DEPARTMENT



# San Diego Intertie Feasibility Study

## Report to NR&C

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# San Diego Intertie Feasibility Study Project Background

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## City Owned Reservoirs

- San Vicente Reservoir, Capacity of 89,312 AF in 2011 and 247,000 AF by 2013
- El Capitan Reservoir, Capacity of 112,806 AF
- Murray Reservoir, Capacity of 4,684 AF



## Sweetwater Owned Reservoirs

- Loveland Reservoirs, Capacity of 25,387 AF
- Sweetwater Reservoir, Capacity of 28,079 AF



# Study Objectives

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- Improve Reservoirs ability to store imported & local water
- Improve operational flexibility of local reservoirs through development of conveyance infrastructure
- Improve reliability of local water supply

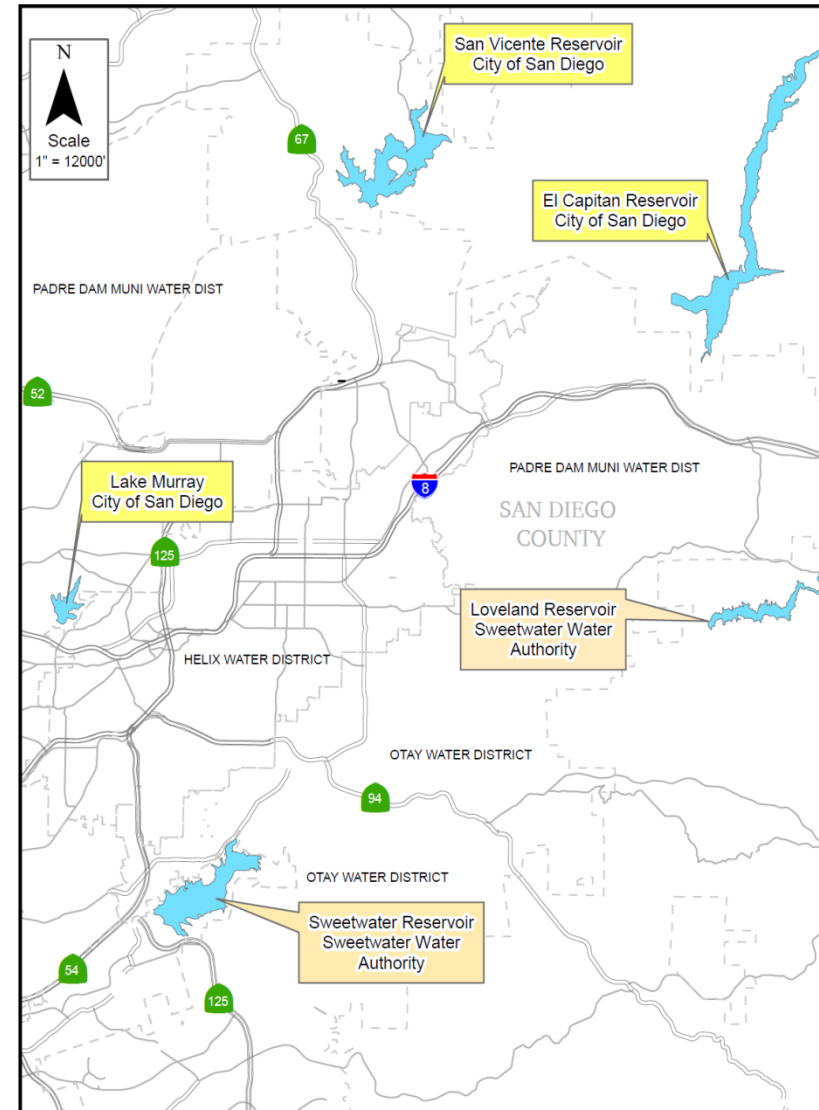


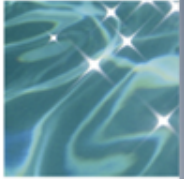
# San Diego Intertie Feasibility Study Scope



## Pre-Feasibility Study (Phase 1)

- Develop Project Alternatives
- Conduct an engineering, economic and environmental assessment of alternatives
- Select a preferred alternative
- Prepare a prefeasibility report.





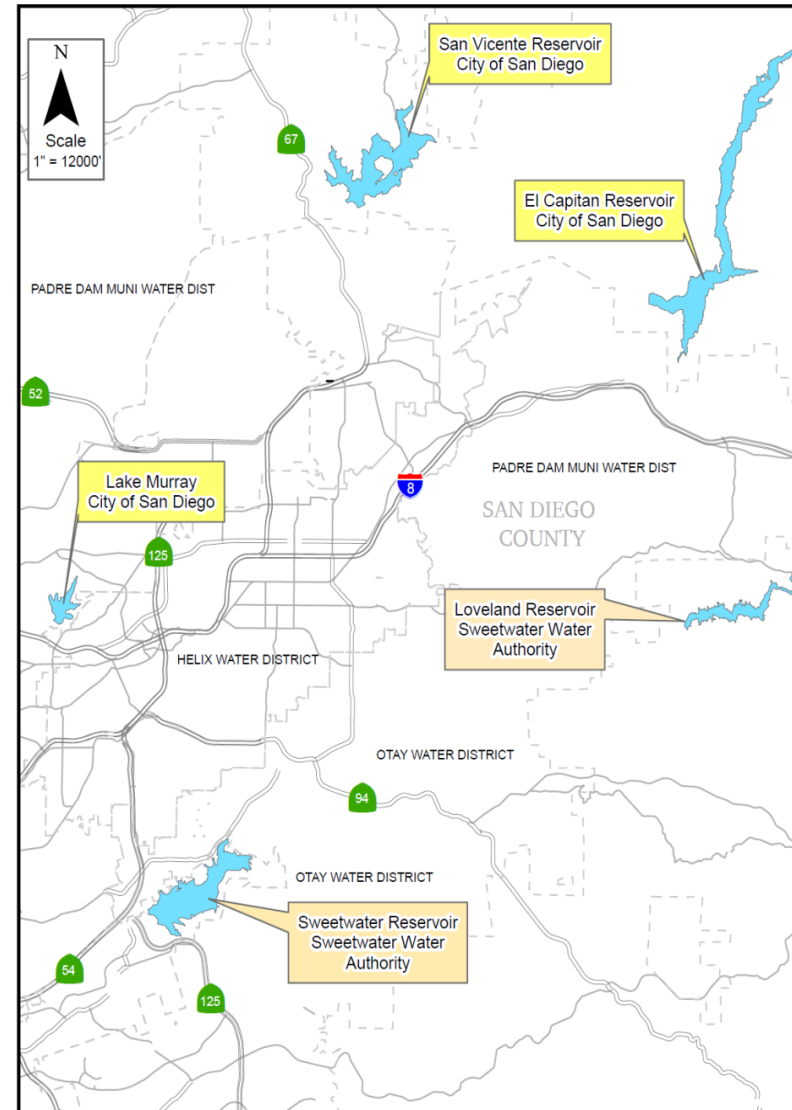
# San Diego Intertie Feasibility Study Scope

## Feasibility Study (Phase 2)

- Engineering and economic analysis of the preferred alternative
- Prepare 30% design and cost estimate

## NEPA/CEQA (Phase 3)

- Environmental Impact Report(EIS/R)
- Return to Council for subsequent approval





# San Diego Intertie Feasibility Study Tasks & Budget

- Pre-Feasibility Study (Phase 1)

Total Cost: **\$688,664**

- Bureau of Reclamation **\$344,332**
- City of San Diego **\$171,500**
- Sweetwater Authority **\$60,000**
- State Proposition 50 **\$112,832**

- Feasibility (Phase 2)

Total Cost: **\$3,815,438**

- Bureau of Reclamation **\$1,907,719**
- City of San Diego **\$1,238,307**
- State Proposition 50 **\$669,412**

- NEPA/CEQA (Phase 3) – Not Authorized with this Action

Total Cost: **\$805,822**

- Bureau of Reclamation **\$402,911**
- City of San Diego **\$402,911**



Phase/Study Partner	Total Cost/ Cost Share	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014
<b><u>Pre-Feasibility</u></b>	<b><u>688,664</u></b>	<b><u>589,327</u></b>	<b><u>99,337</u></b>	
Bureau of Reclamation	344,332	294,664	49,668	
City of San Diego	171,500	152,870	18,630	
Sweetwater Authority	60,000	50,960	9,040	
State Grant (Proposition 50)	112,832	90,836	21,996	
<b><u>Feasibility</u></b>	<b><u>3,815,438</u></b>	<b><u>340,972</u></b>	<b><u>2,276,226</u></b>	<b><u>1,198,240</u></b>
Bureau of Reclamation	1,907,719	170,486	1,138,113	599,120
City of San Diego	1,238,307	182,130	755,370	300,807
State Grant (Proposition 50)	669,412	67,470	472,897	129,045
<b><u>Total Project</u></b>	<b><u>4,504,102</u></b>	<b><u>930,299</u></b>	<b><u>2,375,563</u></b>	<b><u>1,198,240</u></b>
Bureau of Reclamation	2,252,051	465,150	1,187,781	599,120
City of San Diego	1,409,807	335,000	774,000	300,807
Sweetwater Authority	60,000	50,960	9,040	
State Grant (Proposition 50)	782,244	158,306	494,893	129,045



# Legislative Background

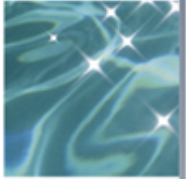
- Federal **Authorization** process:
  - 2006 – 109<sup>th</sup> Congress, Congressman Duncan Hunter introduced H.R. 1190: ***San Diego Water Storage and Efficiency Act of 2007***
  - 2007 – 110<sup>th</sup> Congress, Congressman Hunter introduced H.R. 1803
  - 2009 – S 22: ***Omnibus Public Land Management Act of 2009*** introduced in the Senate
  - 2009 – HR 146: ***Omnibus Public Land Management Act of 2009*** enrolled in the 111<sup>th</sup> Congress authorizing the project at a federal expense not to exceed \$3,000,000 with 50% local cost match
- Federal **Appropriations** process:
  - \$120,000 authorized in US Bureau of Reclamation budget in FY 2009
  - Additional \$500,000 pending authorization from FY 2010
  - IRD submitting annual appropriations requests
  - US Bureau of Reclamation annual budget recommendations based on actual amount expected to spend





# San Diego Intertie Feasibility Study Requested Actions

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- Support the San Diego Intertie Feasibility Study
- Authorize the expenditure of \$1,409,807 from the Water Budget (FY12, FY13, FY14) for Phases 1 & 2 only
- Approve the agreement with the Bureau of Reclamation and Sweetwater Authority
- Authorize the transfer of State grants funds (\$782,244) from Sweetwater Authority to the City's Public Utilities Department in support of this Study Project